

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A device for contamination free preparation of analyte containing sample solution $[(P)]$ comprising:

a first $[(2)]$ and second chamber $[(3)]$, which are connected by a first channel, ~~(6, 8, 10)~~

wherein the first chamber $[(2)]$ has means $[(4)]$ for reversibly changing its volume, and the second chamber $[(3)]$ has a reversibly changeable volume,

wherein a connector $[(7, 9)]$, which is provided with a means of flow regulation, is connected to the channel ~~(6, 8, 10)~~ or one of the chambers $[(2, 3)]$ for loading of a sample solution into the first $[(2)]$ or the second chamber $[(3)]$,

~~characterized in that~~ said device further comprising

~~there is provided at least one further detachable chamber (15, 20, 21) being~~ which is filled with a reactant and sealed, the further at least one detachable chamber being selectively connectable to the first channel ~~(6, 8, 10)~~ prior to use.

2. (Currently amended) The device of claim 1, wherein the first and second chambers $[(2, 3)]$ and the channel ~~(6, 8, 10)~~ are designed as a single use device.

3. (Currently amended) The device of claim 1, wherein $[(no)]$ means of flow regulation is ~~provided~~ is absent between the first chamber $[(2)]$ and the second chamber $[(3)]$.

4. (Currently amended) The device of claim 1, wherein the ~~see~~ and second chamber is provided with a means ~~for~~ for reversibly changing the volume.

5. (Currently amended) The device of claim 1, wherein a first connector $[(7)]$ is connected either to $[a)]$ the first channel $[(6)]$ which extends from an end of the first chamber $[(2)]$ opposite the first means $[(4)]$ for reversibly changing the volume of the first chamber $[(2)]$ or to the first chamber $[(2)]$.

6. (Currently amended) The device of claim 1, wherein a second connector $[(9)]$ is connected to a second channel $[(8)]$, which ~~ex-tends-~~ extends from an end of the second chamber opposite the second means $[(5)]$ for reversibly changing the volume or to the second chamber $[(3)]$.

7. (Currently amended) The device of claim 1, wherein a second channel $[(8)]$ extends from an end of the second ~~cylinder~~ chamber opposite the second piston $[(5)]$, wherein the channel $[(8)]$ is connected to the first channel $[(6)]$ or the first chamber $[(2)]$.

8. (Currently amended) The device of claim 1, wherein the ~~further~~ at least one detachable chamber ~~(15, 20, 21)~~ has a reversibly changeable volume, ~~preferably a~~ and comprises means for reversibly changing the volume, and wherein ~~that chamber(s) is~~ ~~(are)~~ the at least one detachable chamber is connected with the first $[(2)]$ and/or second chamber $[(3)]$ through the first $[(6)]$ or a second channel $[(8)]$ or through a further ~~channel(s) (17, 24, 25)~~ channel, which is $[(are)]$ connected to a

third channel ~~(10)~~ connecting the first ~~(6)~~ and second channel ~~(8)~~
that is connected with the first and a second channel.

9. (Currently amended) The device of claim 1, wherein a ~~means~~
~~of flow regulation~~ means is provided between the first ~~[[2]]~~ and
the second ~~chamber ~~(3)~~~~ chambers on one side and the at least one
~~further detachable chamber~~ chamber(s) ~~(15, 20, 21)~~ on ~~the other~~
another side.

10. (Currently amended) The device of claim 1, wherein at least
one channel between two ~~of the further detachable~~ chambers ~~(15,~~
~~20, 21)~~ has a volume larger than the total compressible volume of
the system.

11. (Currently amended) The device of claim 1, wherein the at
least one ~~of the chambers are~~ detachable chamber is conically
tapered at ~~[[the]]~~ an end of the chamber opposite the means ~~(4, 5,~~
~~14, 22, 23)~~ for reversibly changing the volume, ~~[[with]]~~ and
wherein an ~~[[the]]~~ opening of the ~~respective channels~~ ~~(6, 8, 17,~~
~~24, 25)~~ first channel is located at ~~[[the]]~~ a tip of the ~~conus~~ the
conically tapered end.

12. (Currently amended) The device of claim 1, wherein the means
for changing the volume in the first ~~[[2]]~~ chamber, second
chamber ~~[[3]]~~ and/or ~~further~~ the at least one detachable
~~chamber(s)~~ chamber ~~(15, 20, 21)~~ is a piston ~~(4, 5, 14, 10 22, 23).~~

13. (Currently amended) The device of claim 12, wherein the
~~piston(s) have the~~ piston has a shape of the end of the chamber
opposite to them or can accommodate this shape.

14. (Currently amended) The device of claim 12, wherein the ~~pistons~~ piston ~~[[4, 5]]~~ of the first ~~[[2]]~~ and/or the second chamber ~~[[3]]~~ comprise an elastic material, which has or can accommodate ~~[[the]]~~ a shape of ~~[[the]]~~ an end of the chamber opposite to them.

15. (Currently amended) The device of claim 12, wherein the ~~pistons~~ ~~(16, 22, 23)~~ piston ~~in further the~~ at least one detachable ~~chambers~~ chamber ~~comprises~~ ~~(15, 20, 21)~~ comprise a reduced elasticity in comparison to the pistons ~~[[4, 5]]~~ in the first chamber ~~[[2]]~~ and/or second chamber ~~[[3]]~~.

16. (Currently amended) The device of claim 12, wherein the ~~pistons~~ ~~(16, 22, 23)~~ piston ~~is~~ not connected to a piston rod.

17. (Currently amended) The device of claim 1, wherein at least one of the first, second and at least one detachable chambers ~~(2, 3, 15, 20, 21)~~ have ~~has~~ an essentially round cross-section ~~cross-section~~.

18. (Currently amended) The device of claim 1, wherein at least one chamber ~~(2, 3, 15, 20, 21)~~ preferably at least in the second ~~[[3]]~~ chamber and/or the at least one further detachable ~~chamber(s)~~ chamber, is ~~(15, 20, 21)~~ are connectible to the ~~channel(s)~~ ~~(8, 17, 24, 25)~~ first channel.

19. (Currently amended) The device of claim 1, wherein ~~[[the]]~~ axes of the first, second and at least one detachable chambers ~~(2, 3, 15, 20, 21)~~ are arranged parallel to each other.

20. (Currently amended) The device of claim 1, wherein a liquid is provided in one of the first, second and the at least one

detachable chambers ~~(2, 3, 15, 20, 21)~~, preferably in the second chamber ~~(3)~~ a liquid CL the liquid being ~~is provided~~ capable of solubilizing organic substances comprising an analyte and wherein the organic substances are preferably cells.

21. (Currently amended) The device of claim 1, wherein in ~~[[at.]]~~ at least one of the first, second and the at least one detachable chambers, (2, 3, 15, 20, 21) or ~~in at least one of the channel(s)~~ the first channel, (6, 8, 10, 17, 24, 25) magnetic particles ~~[[18]]~~ are provided that are capable of binding to the analyte.

22. (Currently amended) The device of claim 21, wherein the magnetic particles ~~[[18]]~~ have a diameter in the range from 50 nm to 50 μ m, preferably from 200 nm to 20 μ m.

23. (Currently amended) The device of claim 1, wherein in one of the first and second chambers (2, 3, 15, 20, 21), preferably in a ~~further an additional chamber (20)~~, a wash solution ~~[[W]]~~ is provided.

24. (Currently amended) The device of claim 1, wherein in one of the first and second chambers (2, 3, 15, 20, 21), preferably in a ~~further an additional chamber (21)~~, an elution solution ~~[[E]]~~ is provided.

25. (Currently amended) The device of claim 1, wherein the connectors ~~[[7, 9]]~~ are each provided with a ~~means of~~ flow regulation device, comprising preferably a valve or septum.

26. (Currently amended) The device of claim 1, wherein at least one of the first, second and the at least one detachable chambers

~~(2, 3, 15, 20, 21)~~ are is fluid tight against the surrounding when the ~~connector(s) (7, 9)~~ are connector is closed.

27. (Currently amended) The device of claim 1, ~~equipped to accommodate the positioning of~~ further comprising a magnet at the end of the first, second and the at least one detachable chamber(s) chambers (2, 3, 15, 20, 21), preferably the first (2) ~~or the second chamber (3)~~.

28. (Currently amended) The device of claim 1, ~~wherein the device is provided with~~ further comprising an enclosure, [[(1) and]] wherein the enclosure [[(1)]] is preferably made of synthetic material.

29. (Currently amended) The device of claim 1 wherein the ~~channels (6, 8, 17, 24, 25)~~ the first channel and the connectors [[(7, 9)]] are comprised in a base plate [[(30)]].

30. (Currently amended) The device of claim 29, wherein at least the first chamber, ~~preferably all chambers (2, 3, 15, 20, 21)~~ open opens up towards [[the]] an edge of the an enclosure [[(1)]], so that the means ~~(4, 5, 14, 22, 23)~~ for reversibly changing the volume can be operated from ~~the outside~~ an exterior of the device.

31. (Currently amended) The device of claim 29, wherein ~~the~~ an enclosure [[(1)]] and/or the base plate [[(30)]] are provided with a means [[(13)]] for attaching the device in a corresponding receptacle to allow automatic changing of the volume of at least one ~~chamber (2, 3, 15, 20, 21)~~ of the first, second and at least one detachable chambers.

32. (Currently amended) A kit of parts comprising a base plate comprising a channel ~~(6, 8, 10)~~, wherein a connector ~~[[7, 9]]~~, which is provided with a means ~~[[of]]~~ for flow regulation, is connected to the channel ~~(6, 8, 10)~~ and at least one ~~at least one detachable~~ chamber ~~(15, 20, 21)~~ being is filled with a reactant and sealed, the at least one detachable chamber ~~(15, 20, 21)~~ being connectable to the channel ~~(6, 8, 10)~~ prior to use.

33-53. (Canceled)